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GenCore version 5.1.6
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OM protein - protein search, using sw model Run on:

May 7, 2004, 21:29:10 ; Search time 29.5753 Seconds (without alignments)
1109.503 Million cell updates/sec

Title: Perfect score:

Sequence:

US-09-961-400-2
578
1 QDWLTFQKKHLTNTRDVDCN......TFCVTCENQAPVHEVGVGHC 104

Scoring table: BLOSUM62 Gapop 10.0 , Gapext 0.5

1017041 seqs, 315518202 residues

Total number of hits satisfying chosen parameters: 1017041

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

SPTREMBL 25:*

1: Sp_archea:*
2: sp_bacteria:*
3: sp_fungi:*
4: sp_numan:*
5: sp_invertebrate:*
6: sp_mammal:*
7: sp_mhc:*
1: sp_organelle:*
1: sp_organelle:*
1: sp_rodent:*
1: sp_votent:*
2: sp_vertebrate:*
3: sp_vertebrate:*
5: sp_vorus:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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129.5	129.5	157.5	275.5	280	282	285	286	298	309	311	386	404.5	556	578	Score	
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155	155	119	156	156	155	147	132	119	119	170	146	155	155	132	155	147	155	155	157	147	157	154	157	146	157	153	157	152
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01-MAR-2002
01-OCT-2003
  Nucleic [2]
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01-MAR-2001 (TYEMBLYEL 16,
01-OCT-2001 (TYEMBLYEL 18,
01-OCT-2003 (TYEMBLYEL)
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SIGNAL
SEQUENCE
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             Liao Y.D., Huang H.C., Leu Y.J., Wei C.W., Tang P.C., "Purification and cloning of cytotoxic ribonucleases catesbeiana (bullfrog).";
Nucleic Acids Res. 28:4097-4104(2000).
                                                                               MEDLINE=20512555; PubMed=11058105; Liao Y.D., Huang H.C., Leu Y.J., W
                                                                                                                                                                                                    RC-NNase4 ribonuclease precursor.
Rana catesbeiana (Bull frog).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Amphibia; Batrachia; Anura; Neobatrachia; Ranoidea; Ranidae; Rana.
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GO; GO:0003676; F:nucleic acid
GO; GO:0004522; F:pancreatic ri
InterPro; IPR001477; RNaseA.
Pfam; PF00074; rnaseA; 1.
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Rana pipiens (Northern leopard frog).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
¤mohihia: Batrachia; Anura; Neobatrachia; Ranoidea;
                                                                                                                           SEQUENCE FROM N.A.
TISSUE=Liver;
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Rana catesbeiana (Bull
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SMART; SM00092; RNASE_PC; 1.
PROSITE; PS00127; RNASE_PANCREATIC;
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Pred. No. 1.2e-56;
2; Mismatches 2
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Ranidae; Rana
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Liao Y.-D., Huang H.-C., Leu Y.-J., Wei C.-W
Liao Y.-D., Huang H.-C., Leu Y.-J., Wei C.-W
Submitted (AUG-2001) to the EMBL/GenBank/DDB.
EMBL; AF242553; AAG31439.1; -.
PDB; 1M58; 09-CAN-03.
GO; GO:0003576; F:nucleaic acid binding; IEA.
GO; GO:0003576; F:parcreatic ribonuclease ac
InterPro; IPR001427; RNaseA.
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Liao Y.-D., Huang H.-C., Leu Y.-J., Wei C.-W., Tang P.-C Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.
EMBL; AF242555; AAG31441.2; -.
PDB; 1KVZ; 28-JUL-02.
GO; GO:0004576; F:nucleic acid binding; IEA.
GO; GO:0004522; F:pancreatic ribonuclease activity; IEA.
InterPro; IER001427; RNaseA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MBDLINE=20512555; PubMed=11058105;
Liao Y.D., Huang H.C., Leu Y.J., Wei C.
"Purification and cloning of cytotoxic
catesbeiana (bullfrog).";
Nucleic Acids Res. 28:4097-4104(2000).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                01-MAR-2001 (TrEMBLrel. 16,
01-MAR-2001 (TrEMBLrel. 16,
01-OCT-2003 (TrEMBLrel. 25,
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PROSITE;
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Amphibia; Batrachia
NCBI_TaxID=8400;
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TISSUE=Liver;
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Rana catesbeiana (Bull frog).
Ebkaryota, Metazoa, Chordata, Craniata, Vertebrata,
Amphibia, Batrachia, Anura, Neobatrachia, Ranoidea,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE
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                                                                                                                                                                                                                                                                                               Pfam; PF00074; rnaseA;
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         70;
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                                                                                                                                                                                                                                         PD000535; pS00127;
                                       Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FROM N.A.
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            Conservative
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128 R
14839 MW;
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67.6%;
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che EMBL/GenBank/DDBJ
         10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Created)
Last sequence update)
Last annotation update)
   Score 386; DB
Pred. No. 6.4e
LO; Mismatches
                                                                                                                POTENTIAL.
RC-RNASE2 RIBONUCLEASE.
989719CF52053ECC CRC64;
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RC-RNASE4 RIBONUCLEASE.
; 826A62882B10ABDA CRC64;
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Pred. No. 4.6e-39;
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se activity;
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